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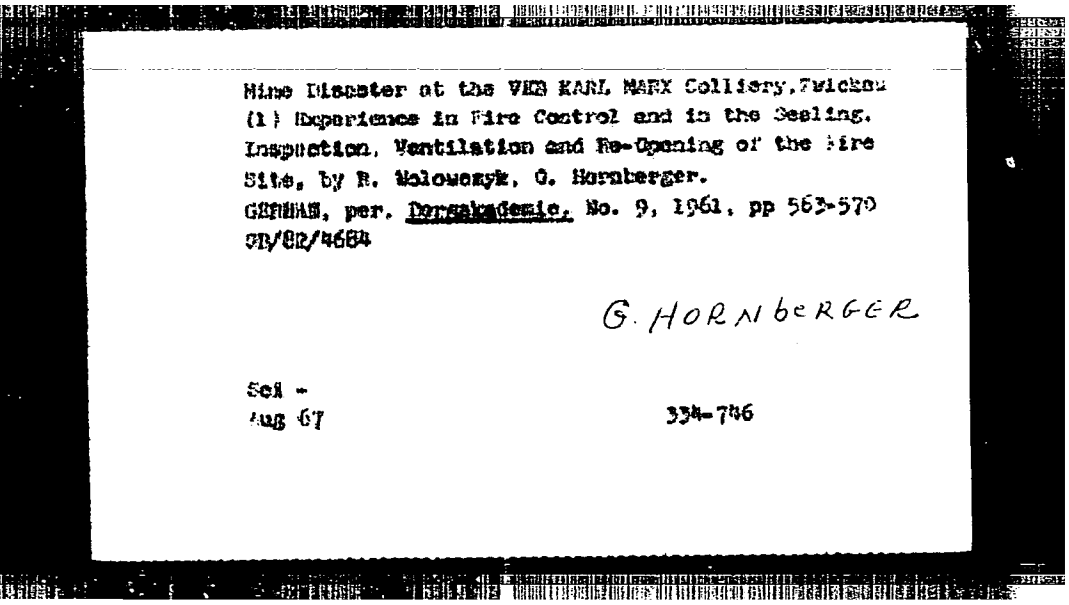

Mine Disaster at the VEB KARL MARX Colliery, Zwickau
(1) Experience in Fire Control and in the Sealing,
Inspection, Ventilation and Re-Opening of the Fire
Site, by R. Woloweszyk, G. Hornberger.
GERMAN, per. Bergakademie, No. 9, 1961, pp 563-570
CIA/SR/4684

G. HORNBERGER

Sel -
Aug 67

334-746

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

HORNBOGEN, E. and WARLIMONT, H. Metallography b
means of electron transmission microscopy.
Metall (5):437-45: (9):897-905 (1963) (CRL/T.4170)

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

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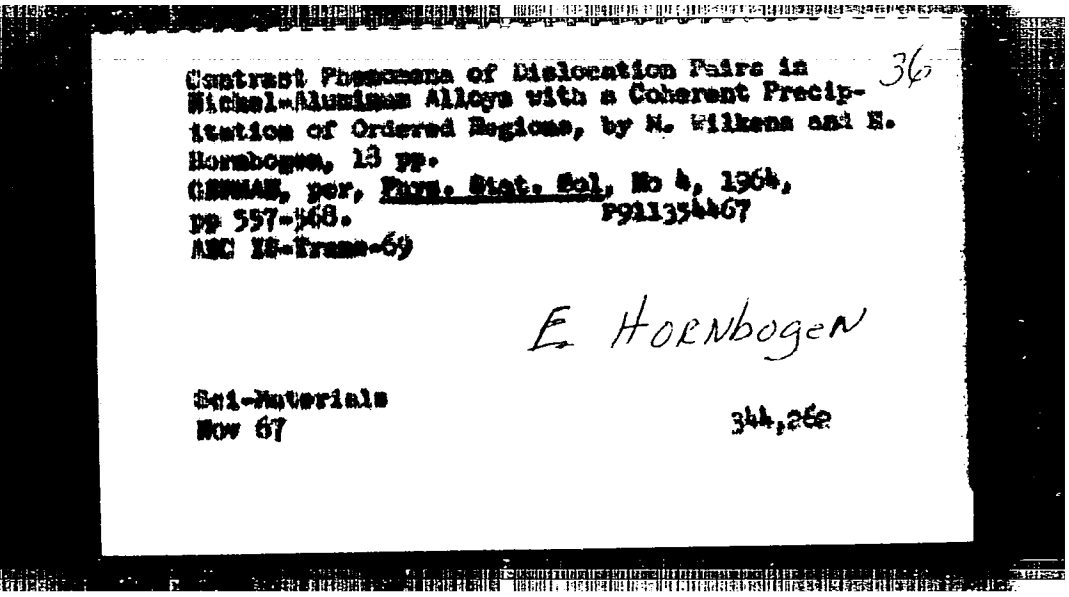

Contrast Phenomena of Dislocation Pairs in Nickel-Aluminum Alloys with a Coherent Precipitation of Ordered Regions, by H. Wilkens and E. Hornbogen, 13 pp.
GERMAN, per, Phys. Stat. Sol, No 4, 1964, pp 557-568. PB113544G7
ASC IE-Trans-69

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E. HORNBOGEN

Sol-Materials
Nov 67

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Metallography by Means of Electron Transmission Microscopy, by E. Hornbogen and H. Warlimont, GERMAN, per. Metall., No 5, pp 437-445, No 9, pp 897-905, 1963.
BISI 7548

E. Hornbogen

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

61-20073

Hornbogen, Erhard.
SEPARATION OF IRON-MOLYBDENUM AND IRON-TUNGSTEN SOLID SOLUTIONS (Entmischung von Eisen-Molybdän- und Eisen-Wolfram-Mischkristallen). [1961] [35]p. (foreign text included) 35 refs.
Order from SLA $3.60 61-20073

Trans. of Z[eitschrift für] Metallk[un]de (West Germany) 1961, v. 52, no. 1, p. 47-56.

DESCRIPTORS: Separation, *Iron, *Molybdenum, *Tungsten, Solids, Solutions, Decomposition, Lattices, Particles, Precipitation, Temperature, Hardness, Crystal structure, Alloys, Metallurgical analysis.

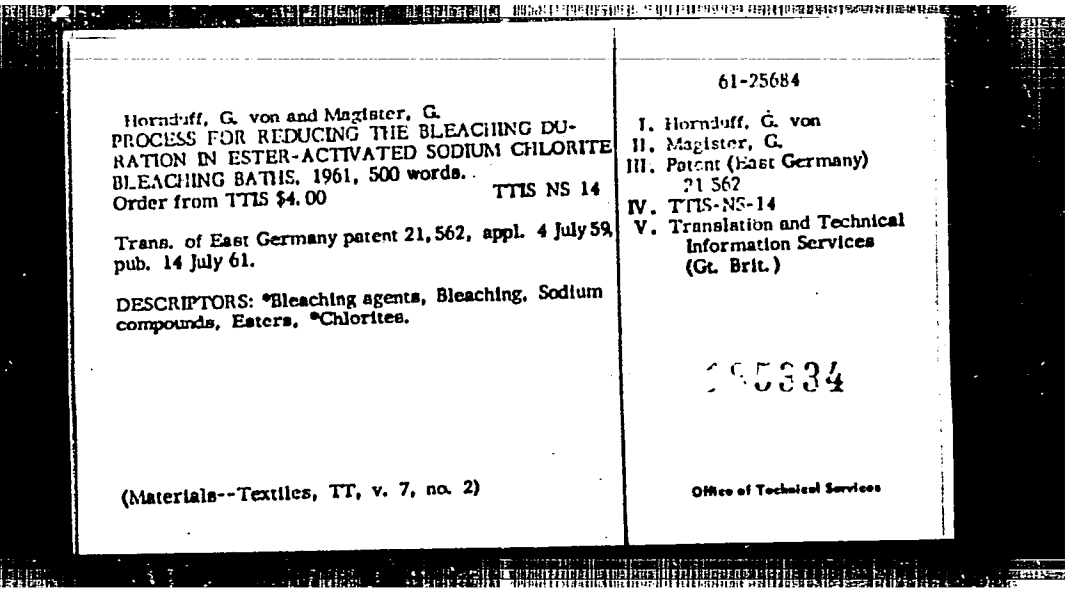
A special type of discontinuous decomposition has been found in supersaturated solid solutions of iron and molybdenum or tungsten. Starting from various (Physics--Solid State, TT, v. 7, no. 8) (over)

I. Hornbogen, E.

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2



Horndoff, G. von and Magister, G.
PROCESS FOR REDUCING THE BLEACHING DURATION IN ESTER-ACTIVATED SODIUM CHLORITE BLEACHING BATHS. 1961, 500 words.
Order from TTIS $4.00 TTIS NS 14

Trans. of East Germany patent 21,562, appl. 4 July 59, pub. 14 July 61.

DESCRIPTORS: *Bleaching agents, Bleaching, Sodium compounds, Esters, *Chlorites.

(Materials--Textiles, TT, v. 7, no. 2)

61-25684

I. Horndoff, G. von
II. Magister, G.
III. Patent (East Germany) 21 562
IV. TTIS-NS-14
V. Translation and Technical Information Services (Gt. Brit.)

25834

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Hornemann, H.
THE LEADING IN OF CABLE INTO MODERN AMPLIFIER STATIONS. 21 Feb 38, 5p. (figs. omitted) 1 ref.
Order from SLA $1.10 60-18985

Trans. of Ver[öffentlichungen] a[us] d[em] Gebiete der Nachrichtentechnik (Germany) [1937] v. 7, p. 281-284.

DESCRIPTORS: *Electric cables, *Electric terminals, Transmission lines, Wiring diagrams, *Amplifiers, Power supplies.

(Engineering--Electrical, TT, v. 9, no. 8)

60-18985

1. Hornemann, H.

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Organophosphorus Compounds. Part 27. 54
Diatyl Chlorophosphine from Aryl Dichloro-
phosphines by Disproportionation, by
L. Horner, P. Beck.
GERMAN, per, Chemische Berichte, Vol 94,
No 8, 1961, pp 2122-2125.
NTC 69-11375-07C

L. HORNER

Sci-Chem
July 69

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

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Quantitative Determination of Organic Peroxy Compounds in Mixtures, by L. Horner, E. Jurgens, 7 pp.

GERMAN, per, Angewandte Chemie, Vol LXX, No 9, 1958, pp 266-268.

ATS-9718530

Sci
Mar 62
Vol VII, No 3

188, 105

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Horner, L. and Jurgens, E.
QUANTITATIVE DETERMINATION OF ORGANIC PEROXY COMPOUNDS IN MIXTURES. [1961] 8p. 19 refs.
Order from SLA $1.10 61-20648

Trans. of Angew[andte] Chem[ie] (West Germany) [1958] v. 70, no. ?, p. 266-268.
Another trans. is available from ATS $10.65 as ATS-97N53G [1961] 7p.

DESCRIPTORS: *Peroxides, *Organic compounds, Quantitative analysis, Mixtures.

With the aid of phenyl sulfide and triethylarsine in combination with iodometry and acidimetry, dialkyl peroxides, alkyl hydroperoxides, per acids and diacyl peroxides may be quantitatively determined in mixtures. (Author)
(Chemistry--Analytical, TT, v. 7, no. 2)

61-20648

I. Horner, L.
II. Jurgens, E.

15290

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Polymerization Initiation by Peroxides under the Influence of Amines, by L. Horner, 2 pp.

GERMAN, per, Angew Chem, Vol LXI, No 11, 1949, p 458.

Assoc Tech Serv 76J16d

ATS-352-GJ

Jul 58

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Acceleration of Peroxide Decomposition by Amines, by L. Horner, E. Schwenk.

GERMAN, per, Angew Chem, Vol LXI, No 10, 1949, pp 411-412. Ibid

ATS @ 253-GJ

Sci
Nov 59

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Newer Methods of Preparative Organic Chemistry. II. Preparative and Analytical Importance of Tertiary Phosphines and Related Compounds. Organophosphorus Compounds, VI by L. Horner, H. Hoffmann, 18 pp.

GERMAN, per, Angew Chem, Vol LXVIII, pp 473-485, 1956.

SLA 3449

Sci - Chem
Aug 58

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On the Polymerization of Vinyl Compounds by the Diacyl Peroxide-Tertiary Amine System, by L. Horner, E. Schwen .

GERMAN, per, Liebigs Ann., 1950, pp 566-569, 84

TPA3/TIB Tr No T 3971

Scientific - Polymerization, vinyl, peroxide-tertiary, amine, compounds

Germany
Index Aeronauticus

A. 4210

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

New Methods of Preparative Organic Chemistry II, by L. Horner, E. Winkelmann.

GERMAN, per, Angewandte Chemie, Vol LXXI, No 11, 7 Jun 1959, pp 349-365.

NCB A.1859
R.1858

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Organic Phosphorus Compounds, XI[12] Structure Determination of the Schonberg Adducts, by H. Hoffmann, L. Horner, G. Hassel, 4 pp.

GERMAN, per, Chem Ber, Vol XCI, 1958, pp 58-60.

CIA/FDD XX-543
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Nov 58

USIB INTERNAL USE ONLY 76,363

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Horner, Leopold; Beck, Peter; and Toscano, Vincente, G.

DIARYL CHLOROPHOSPHINE FROM ARYL DICHLOROPHOSPHINES BY DISPROPORTIONATION. [Pt.] 28 of Organophosphorus Compounds. [1962] [5]p. 13 refs.

Order from SLA $1.10 62-16191

Trans. of Chemische Berichte (West Germany) 1961, v. 94, p. 2122-2125.

DESCRIPTORS: *Phosphorus compounds, Organic compounds, *Phosphines, Chlorides, Phenyl radicals, Synthesis, Aluminum compounds, Disproportionation.

Aryl dichlorophosphines decompose to diaryl chlorophosphine and phosphorus trichloride in the presence of aluminum chloride. Diphenyl phosphinic acid can be converted to diphenyl trichlorophosphoran with phosphorus pentachloride, and to diphenyl chloro
(Chemistry--Organic, TT, v. 9, no. 4) (over)

62-16191

I. Horner, L.
II. Beck, P.
III. Toscano, V. G.
IV. Title: Organophosphorus . .

C227667

Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

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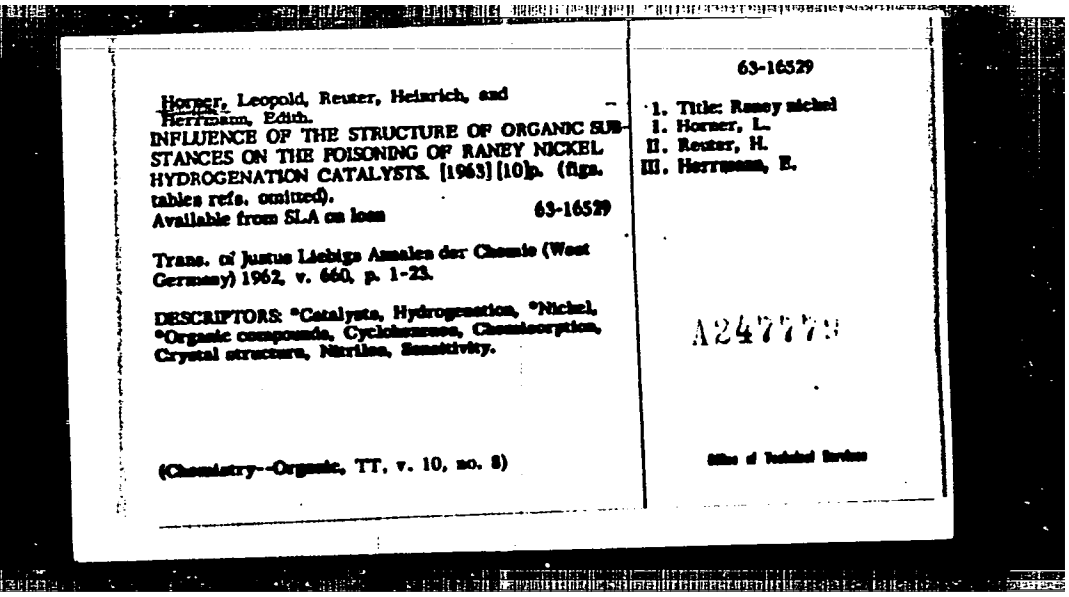

Horner, Leopold, Reuter, Heinrich, and Herrmann, Edith.
INFLUENCE OF THE STRUCTURE OF ORGANIC SUBSTANCES ON THE POISONING OF RANEY NICKEL HYDROGENATION CATALYSTS. [1963] [10]p. (figs. tables refs. omitted).
Available from SLA on loan 63-16529

Trans. of Justus Liebigs Annalen der Chemie (West Germany) 1962, v. 660, p. 1-23.

DESCRIPTORS: *Catalysts, Hydrogenation, *Nickel, *Organic compounds, Cyclohexanes, Chemisorption, Crystal structure, Nitriles, Sensitivity.

(Chemistry--Organic, TT, v. 10, no. 8)

63-16529

1. Title: Raney nickel
I. Horner, L.
II. Reuter, H.
III. Herrmann, E.

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Office of Technical Services

APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

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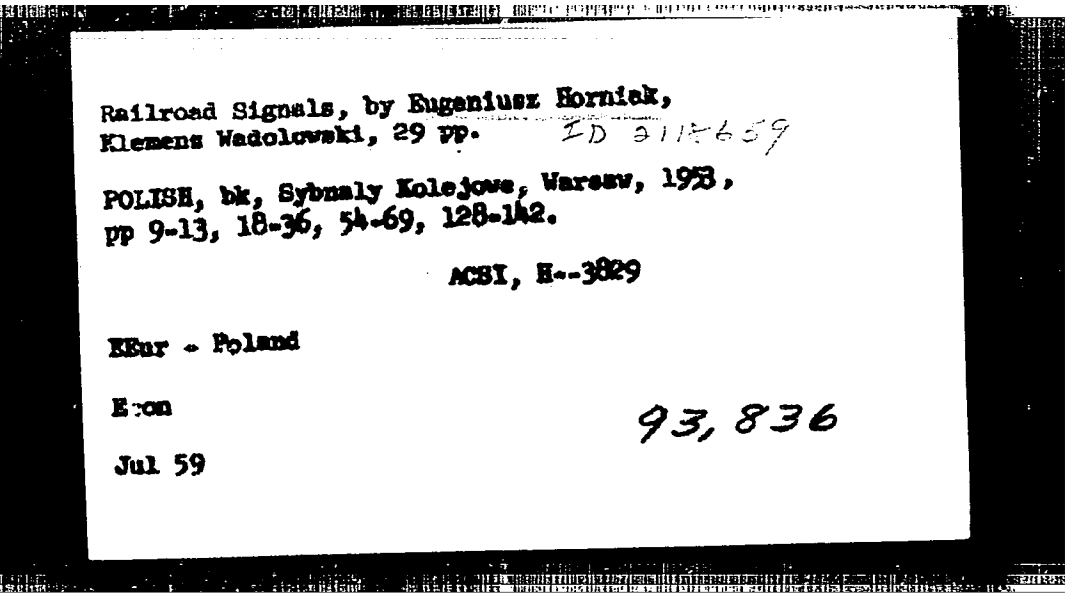

Railroad Signals, by Eugeniusz Horniak, Klemens Wadolowski, 29 pp. ID 211659

POLISH, bk, Sygnaly Kolejowe, Warsaw, 1958, pp 9-13, 18-36, 54-69, 128-142.

ACSI, E--3829

EEur - Poland

Econ

Jul 59

93,836

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

(DC-5909)

On the Correct Determination of the Economy Areas of the Consolidated Cooperatives, by Jiri Horniecky, 4 pp. OFFICIAL USE ONLY

CZECH, per, Zemedelska Ekonomika, Vol VII (34), No 3, 1961, pp 213-216.

JPRS 10724

176,369

EEur - Czechoslovakia
Econ
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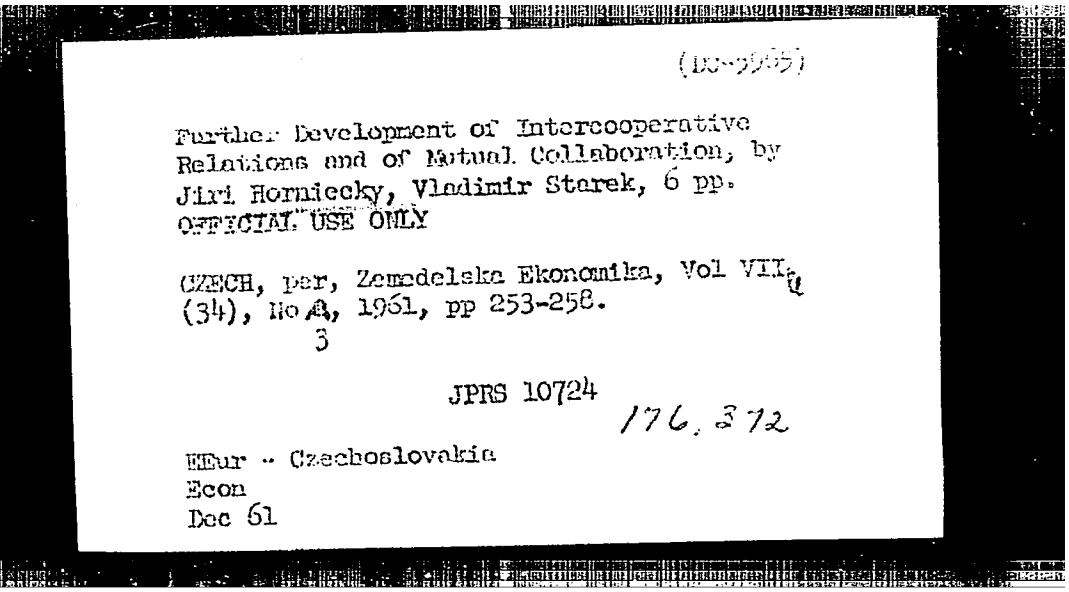

(IX-9965)

Further Development of Intercooperative Relations and of Mutual Collaboration, by Jiri Hornicky, Vladimir Starek, 6 pp.
OFFICIAL USE ONLY

CZECH, per, Zemedelska Ekonomika, Vol VII, (34), No 4, 1961, pp 253-258.
3

JPRS 10724

176.372

EEur - Czechoslovakia
Econ
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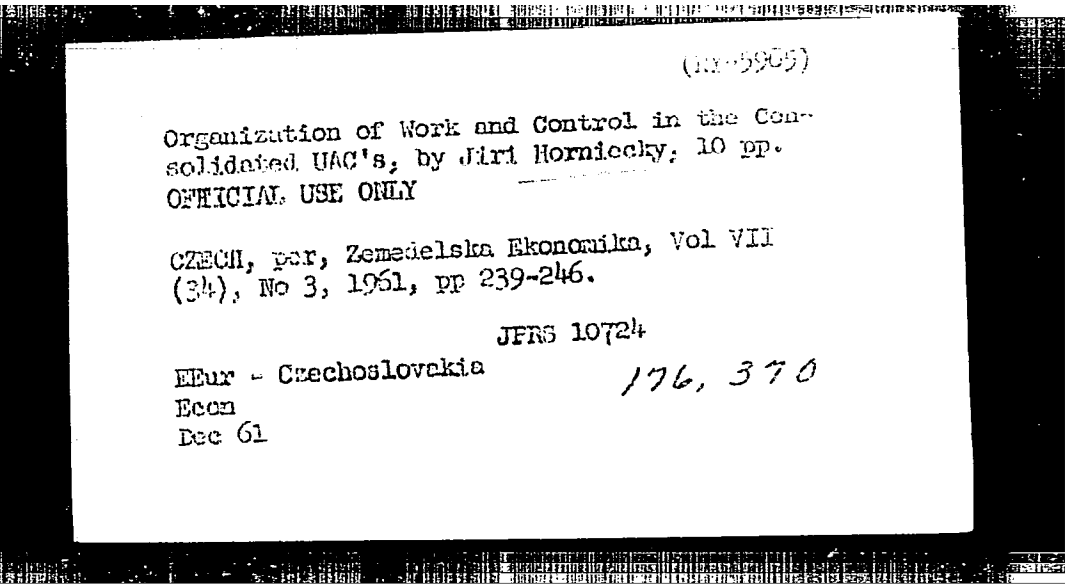

(II-6905)

Organization of Work and Control in the Consolidated UAC's, by Jiri Hornicky, 10 pp.
OFFICIAL USE ONLY

CZECH, per, Zemedelska Ekonomika, Vol VII (34), No 3, 1961, pp 239-246.

JPRS 10724

EEur - Czechoslovakia
Econ
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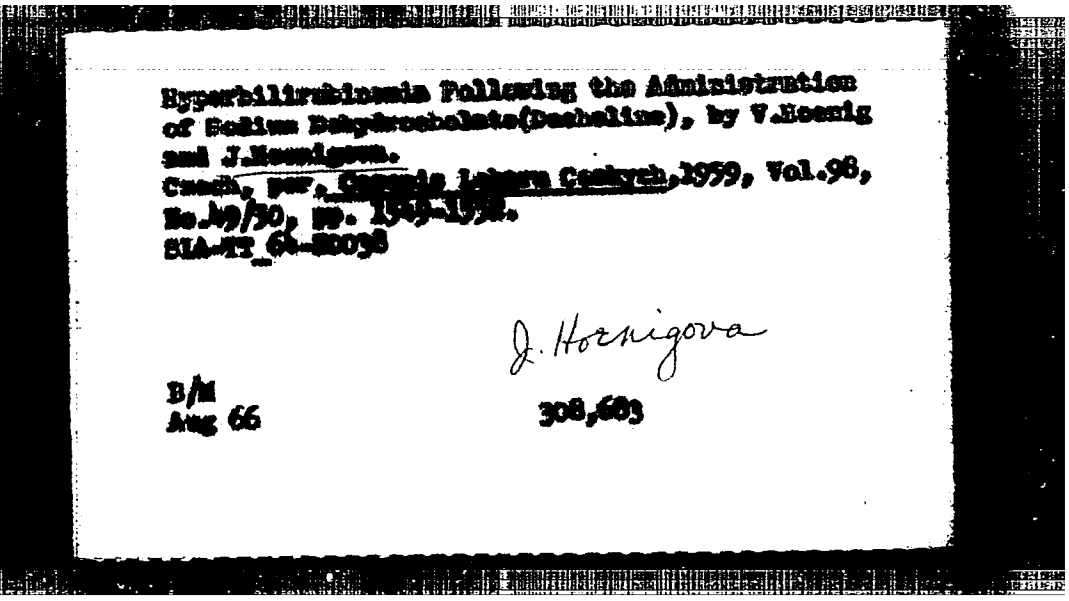

Hyperbilirubinemia Following the Administration of Sodium Dehydrocholate(Decholine), by V.Hoenig and J.Hornigova.
Czech, per., Casopis lekaru Ceskych,1959, Vol.98, No.49/50, pp. 1549-1554.
CIA-RT 60-80098

J. Hornigova

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Aug 66

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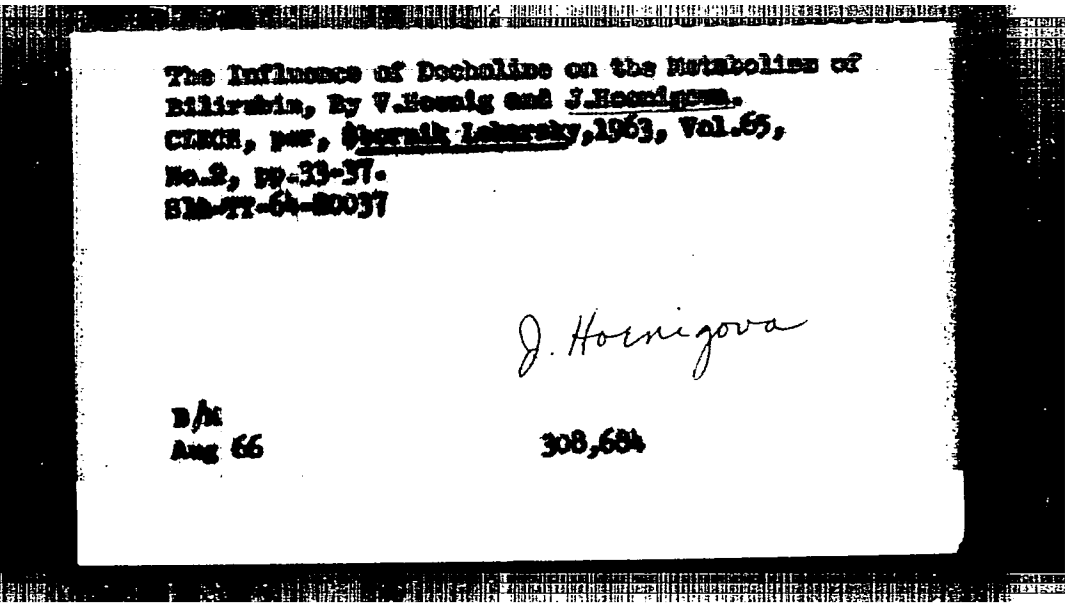

The Influence of Decholine on the Metabolism of Bilirubin, By V.Hornig and J.Hornigova. CESKO, per, Ceskosl Lekarsky,1963, Vol.65, No.2, pp.33-37. SLA-TT-64-20037

J. Hornigova

D/M
Aug 66

308,684

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(NY-0596/6)

Infectious Disease Hospitals Today and Tomorrow, by J. Hornik, 4 pp.

POLISH, per, Sluzba Zdrowia, Vol XIII, No 27, 2 Jul 1961, p 4.

JPRS 10180

Khur - Poland 170,382

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(NY-6598)

Sanitariums Today and Tomorrow, by J. Hornik,

POLISH, mp, Sluzba Zdrowia, Vol XIII, No 27,
2 Jul 1961, p 4.

*JPRS

Sci - Med

17 Jul 61

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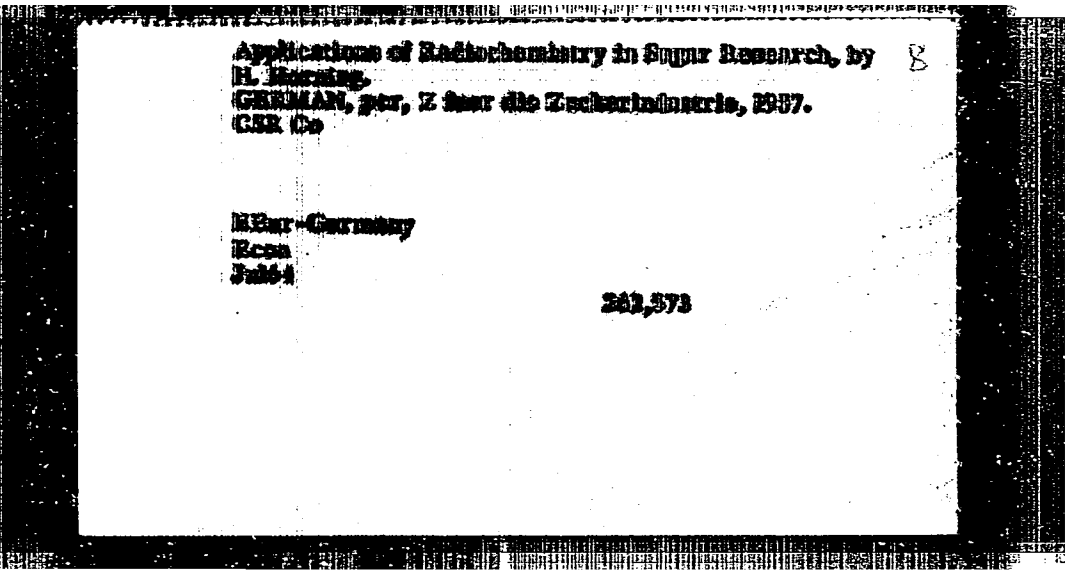

Applications of Radiochemistry in Sugar Research, by H. Herzig,
GERMAN, per, Z ber die Zuckerindustrie, 1957.
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NBar-Germany
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The Densities of Liquid Mg_2Pb and Mg_3Bi_2, by O. Kubaschewski, R. Hörnle, 16 pp.

Full translation.

GERMAN, per, Metallkunde, Vol XLII, 1951, pp 129-132.

S.L.A.

Scientific - Chemistry

26,935 Jul 55

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Hornuff, G. v. and Herzog, W.
SOIL-REPELLENT PROPERTIES OF FIBRES TREATED WITH CHROMIUM COMPLEXES OF THE WERNER TYPE AS A FUNCTION OF THE CHEMICAL STRUCTURE OF THE MONOCARBOXYLIC ACID USED. Sep 62.
Order from TTIS $30.00 TTIS NS 40

Trans. of Journal für Praktische Chemie (East Germany) 1962 [ser. 4] v. 15, Mar, p. 175-191.

DESCRIPTORS: *Fibers, Impregnation, *Complex compounds, *Chromium compounds, Molecular structure, *Carboxylic acid.

(Materials--Textiles, TT, v. 9, no. 2)

62-34414

I. Hornuff, G. v.
II. Herzog, W.
III. TTIS NS-40
IV. Translation and Technical Information Services (Gt. Brit.)

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APPROVED FOR RELEASE: 08/15/ 2001 CIA-RDP84-00581R000100210075-2

Hornung, Heinrich
THE TRACE ELEMENT FLUORINE AND DENTAL CARIES (Das Spurenelement Fluor und die Zahnkaries) tr. by P. Hajdu. 1 Dec 58, 9p. Order from OTS or SLA $1.40 59-12324

Trans. of Deutsche Gesundheitswesen (East Germany) 1956, v. 11, no. 40, p. 1363-1365.

DESCRIPTORS: Fluorine, *Fluorination, *Water supplies, Effectiveness, Inhibition, *Dental caries.

(Biological Sciences--Medical Specialties, TT, v. 8, no. 3)

59-12324

I. Hornung, H.
II. National Institutes of Health, Bethesda, Md.

211965

5-14-62
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The Trace Element Fluorine and Dental Caries, by Heinrich Hornung, 9 pp.

GERMAN, per, Deutsche Gesundheitswesen, Vol XI, No 40, 1956, pp 1963-1965.

NIH 1-12

Sci - Med

Feb 59

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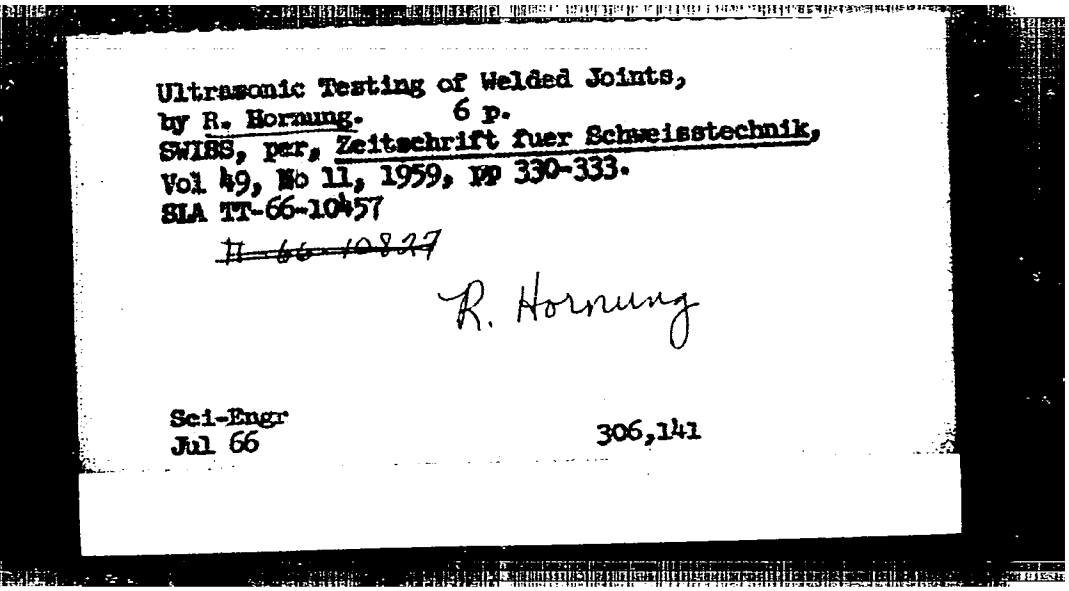

Ultrasonic Testing of Welded Joints,
by R. Hornung. 6 p.
SWISS, per, Zeitschrift fuer Schweisstechnik,
Vol 49, No 11, 1959, pp 330-333.
SLA TT-66-10457
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R. Hornung

Sci-Engr
Jul 66

306,141

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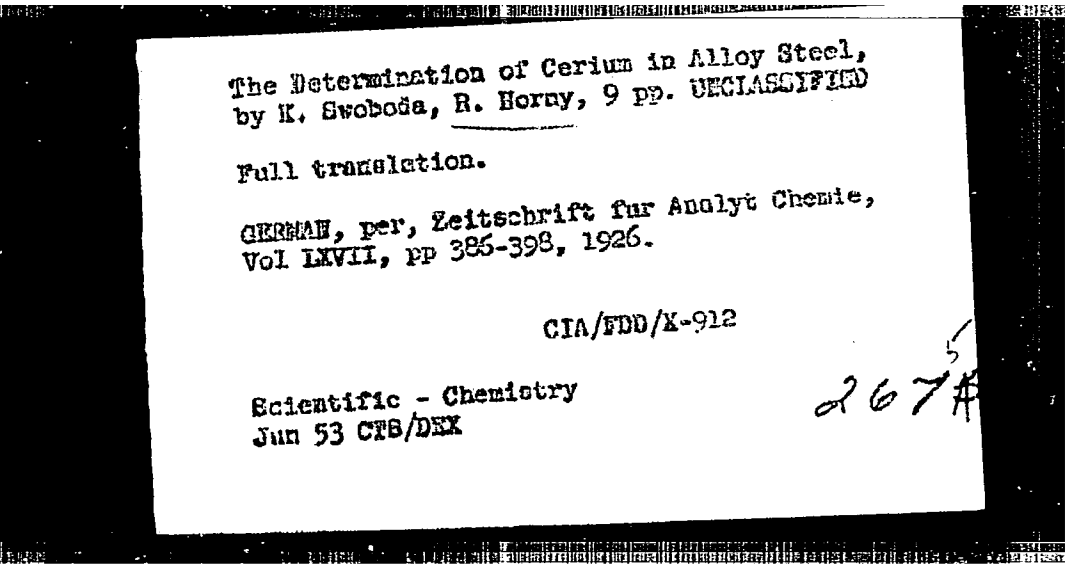

The Determination of Cerium in Alloy Steel, by K. Swoboda, R. Horny, 9 pp. UNCLASSIFIED

Full translation.

GERMAN, per, Zeitschrift fur Analyt Chemie, Vol LXVII, pp 385-398, 1926.

CIA/FDD/X-912

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Influence of Cortisone on the Adrenal Cortical Hypertrophy Caused by Reserpine, by G. Hertting, O. Hornykiewicz, 6 pp.

GERMAN, per, Acta Endocrinol, Vol XXVI, 1957, pp 204-208.

SLA 58-15

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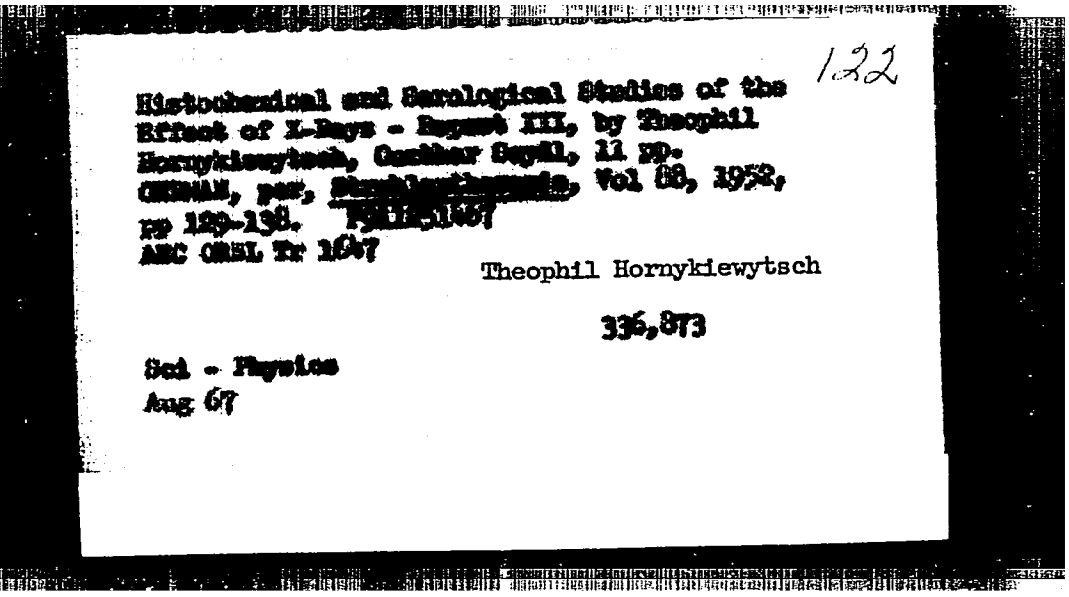

122

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AEC CRSL Tr 1067

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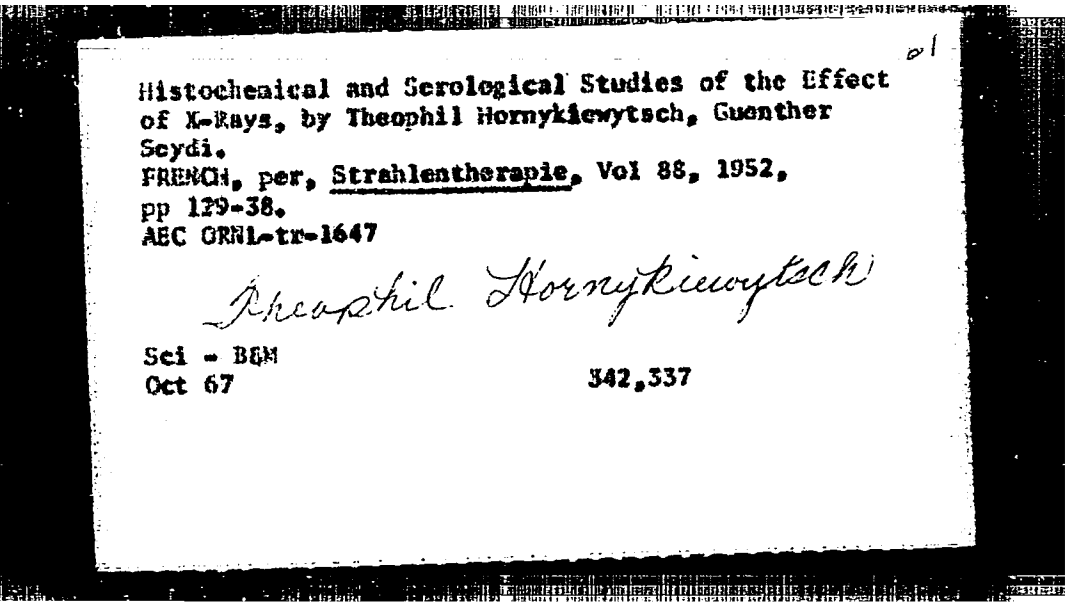

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AEC ORNL-tr-1647

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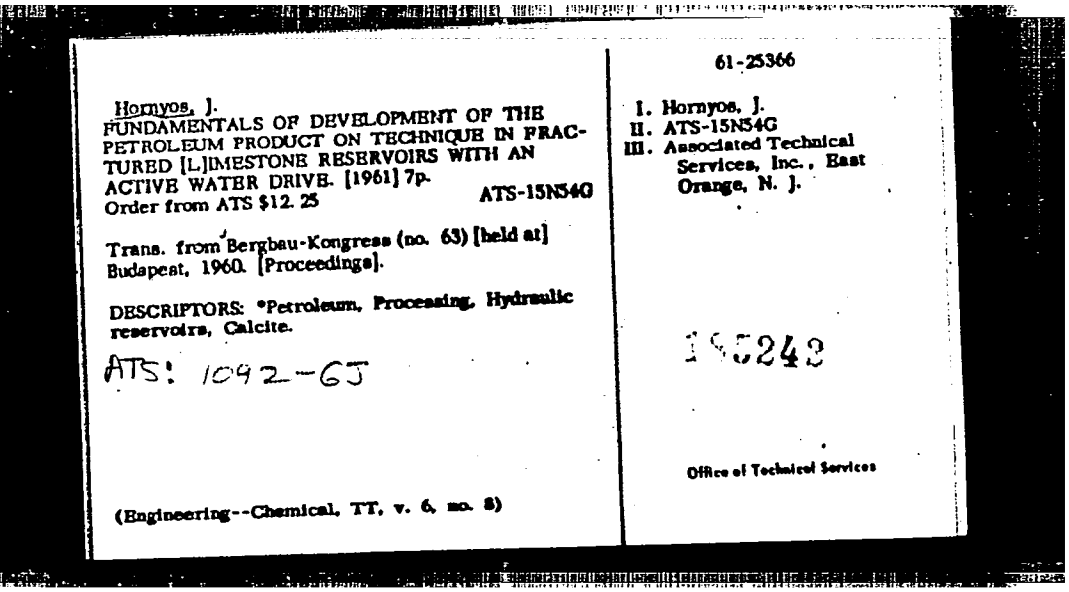

Hornyos, J.
FUNDAMENTALS OF DEVELOPMENT OF THE PETROLEUM PRODUCT ON TECHNIQUE IN FRACTURED [L]IMESTONE RESERVOIRS WITH AN ACTIVE WATER DRIVE. [1961] 7p.
Order from ATS $12.25 ATS-15N54G

Trans. from Bergbau-Kongress (no. 63) [held at] Budapest, 1960. [Proceedings].

DESCRIPTORS: *Petroleum, Processing, Hydraulic reservoirs, Calcite.

ATS: 1092-GJ

(Engineering--Chemical, TT, v. 6, no. 8)

61-25366

I. Hornyos, J.
II. ATS-15N54G
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195243

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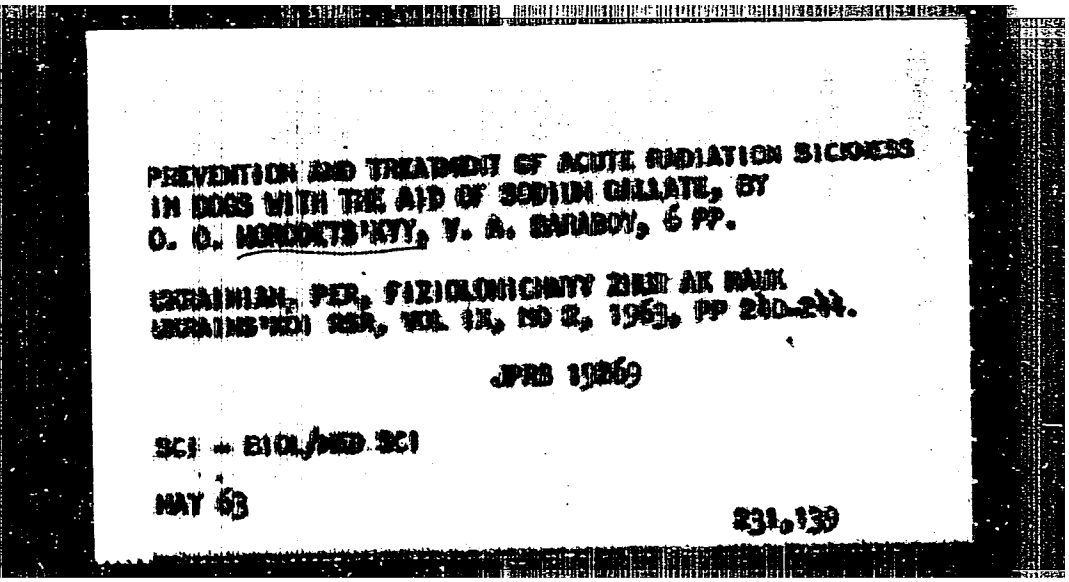

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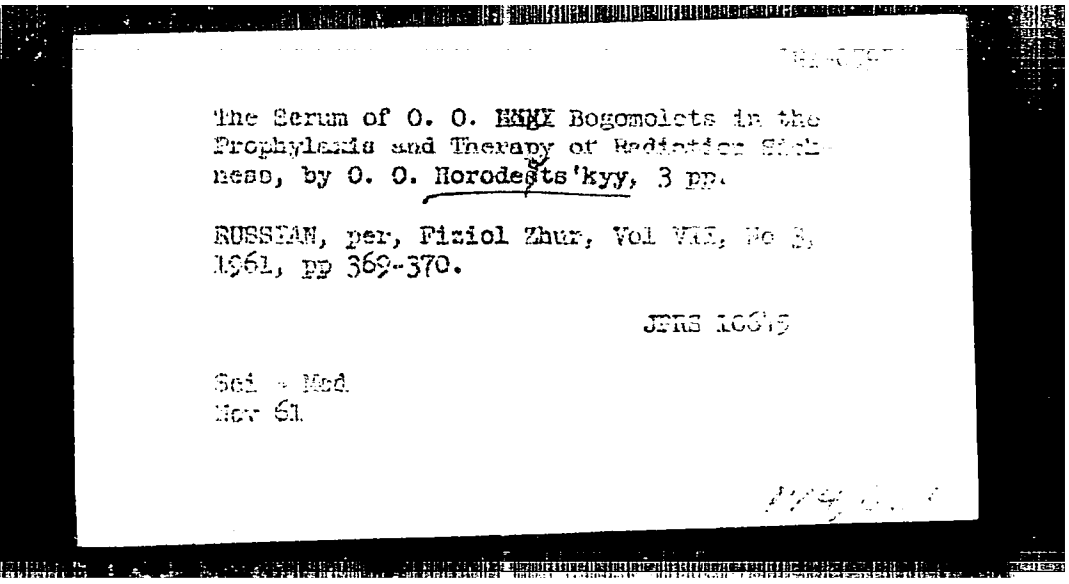

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On the Effect of Centimeter Band Radio Waves on Higher Nervous Activity and the Hematogenic and Reproductive Organs, by S. F. Horodets'ka, 13 pp.

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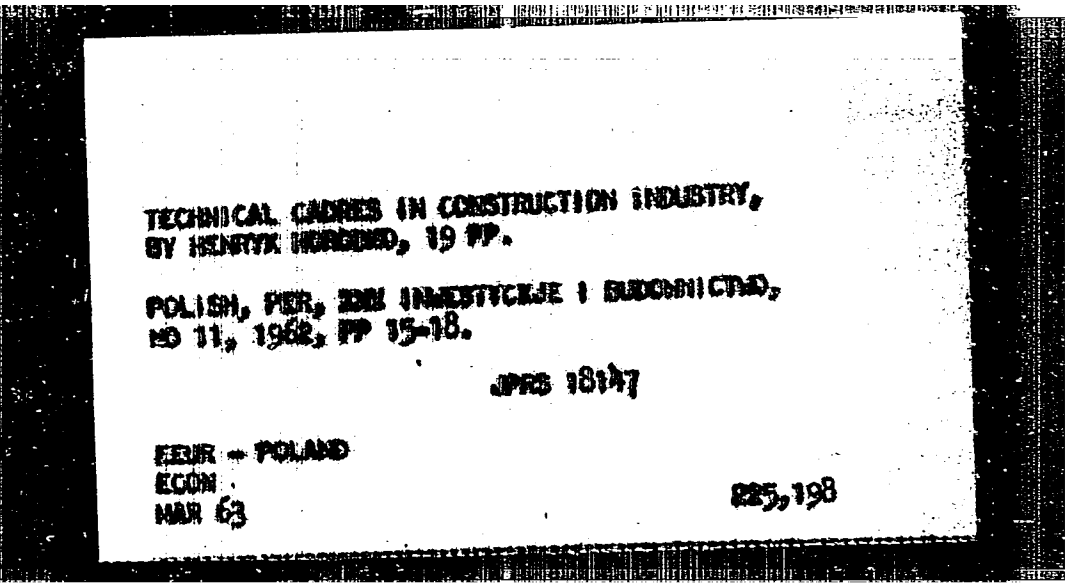

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JPRS 18147

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MAR 63

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CSIRO 48944

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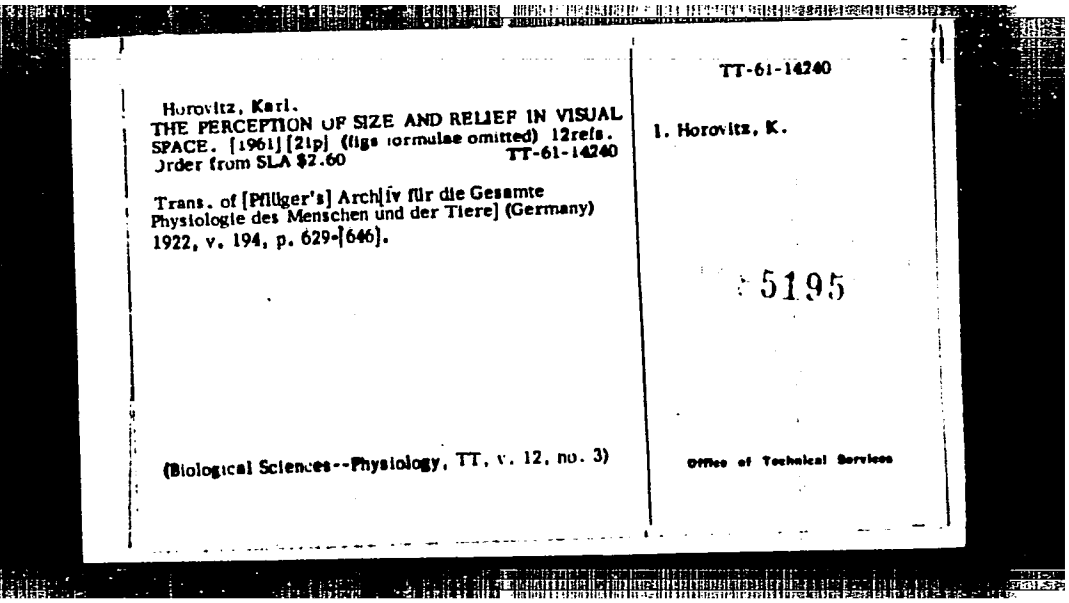

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THE PERCEPTION OF SIZE AND RELIEF IN VISUAL SPACE. [1961] [21p] (figs formulae omitted) 12refs. Order from SLA $2.60 TT-61-14240

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(Biological Sciences--Physiology, TT, v. 12, no. 3)

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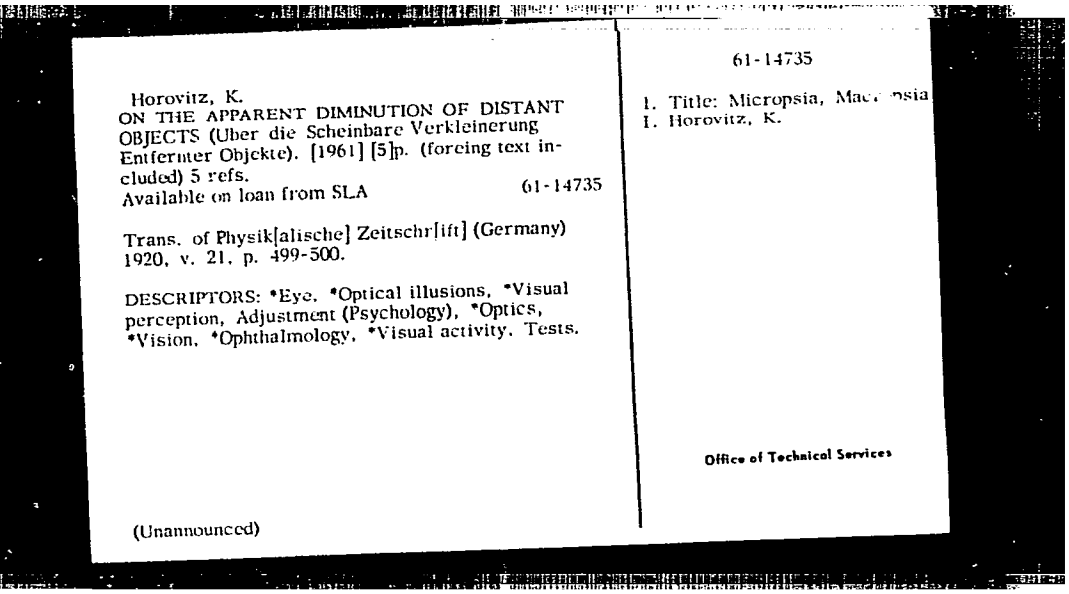

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Available on loan from SLA 61-14735

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DESCRIPTORS: *Eye, *Optical illusions, *Visual perception, Adjustment (Psychology), *Optics, *Vision, *Ophthalmology, *Visual activity, Tests.

(Unannounced)

61-14735

1. Title: Micropsia, Mac[illegible]opsia
I. Horovitz, K.

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A New Gene on the Fourth Chromosome of Maize (Luteomaculata), By S. Horovitz.

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HEBREW, np, Davar, 19 Aug 1960, Encl 2 to Desp No 147, AmEmbassy, Tel Aviv, 31 Aug 1960.

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NE/A - Israel
Econ
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Internatl Conf -- UN

Sci - Nuclear Physics 46,116
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AEC Tr-3865

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AEC Tr 2071

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Ekur - Czechoslovakia
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EEur - Poland

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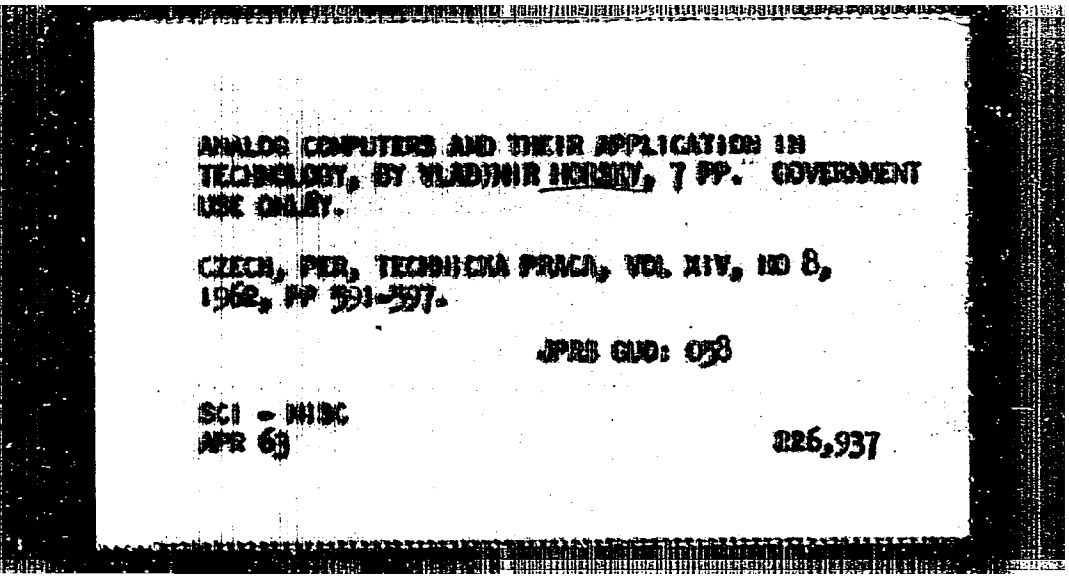

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JPRS GUD: 958

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pp 109-123.
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E.C. HORST

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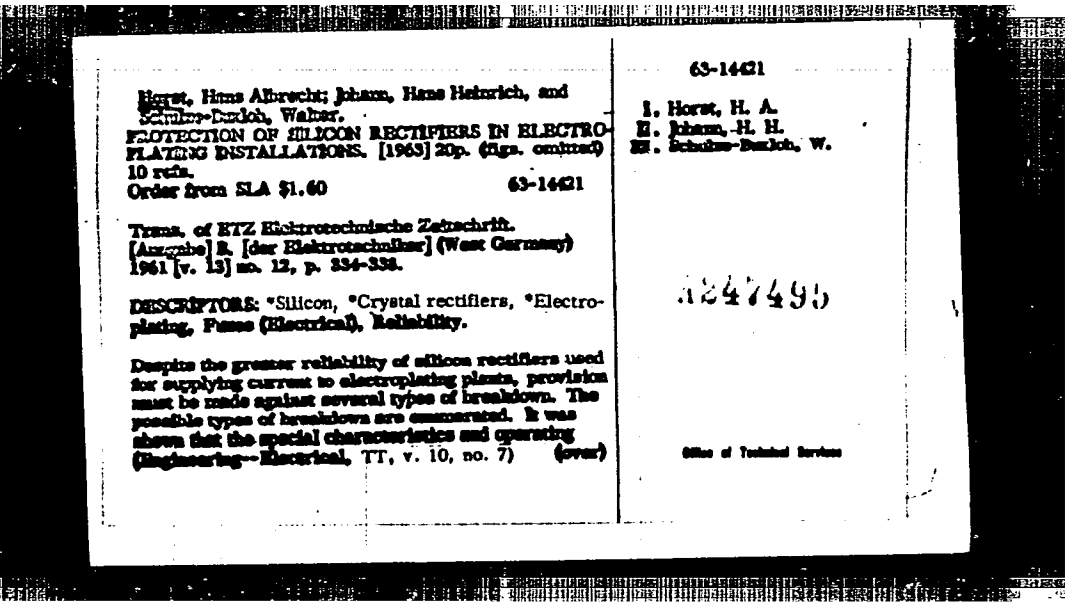

63-14421

Horst, Hans Albrecht; Johann, Hans Heinrich, and Schulze-Buxloh, Walter.
PROTECTION OF SILICON RECTIFIERS IN ELECTRO-PLATING INSTALLATIONS. [1963] 20p. (figs. omitted) 10 refs.
Order from SLA $1.60 63-14421

Trans. of ETZ Elektrotechnische Zeitschrift. [Ausgabe] B. [der Elektrotechniker] (West Germany) 1961 [v. 13] no. 12, p. 334-338.

DESCRIPTORS: *Silicon, *Crystal rectifiers, *Electroplating, Fuses (Electrical), Reliability.

Despite the greater reliability of silicon rectifiers used for supplying current to electroplating plants, provision must be made against several types of breakdown. The possible types of breakdown are enumerated. It was shown that the special characteristics and operating (Engineering--Electrical, TT, v. 10, no. 7) (over)

1. Horst, H. A.
II. Johann, H. H.
III. Schulze-Buxloh, W.

A247495

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Early Diagnosis and Therapy of Toxoplasmosis in Adults, by H. Franke, H. G. Horst, 18 pp.

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Horst, Rochow.
CERAMIC CONDENSER DIELECTRIC WITH HIGH DIELECTRIC CONSTANT AND LOW TEMPERATURE DEPENDENCE. [1962] 7p. (2 figs. omitted) 5 refs.
Order from OTS or SLA $1.10 62-14894

Trans. of German patent 1, 117, 766 by Rosenthal-Isolatoren Gesellschaft, appl. 21 Feb 59, issued 23 Nov 61.

DESCRIPTORS: *Ceramic capacitors, *Dielectrics, Dielectric properties, Temperature, Capacitors.

(Engineering--Electrical, TT, v. 8, no. 6)

62-14894

I. Horst, R.
II. Patent (Germany)
1 117 766

C222824

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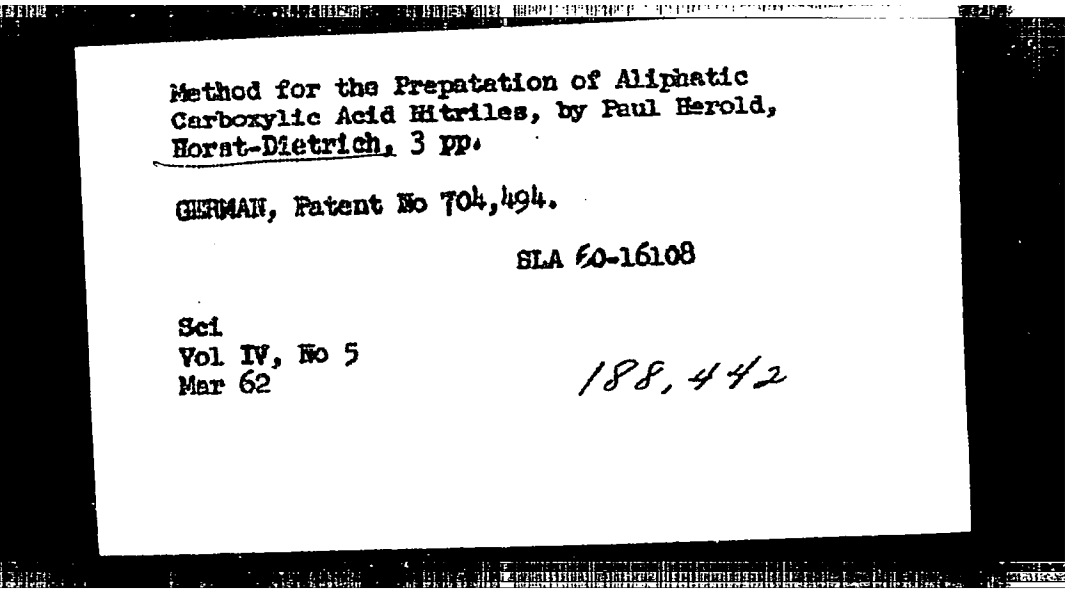

Method for the Prepatation of Aliphatic Carboxylic Acid Nitriles, by Paul Herold, Horst-Dietrich, 3 pp.

GERMAN, Patent No 704,494.

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Attack of Iron-Saturated Molten Zinc on Iron, by D. Horstmann.

GERMAN, per, Stahl Und Eisen, Vol LXXIII, No 10, 1953, pp 659-665.

Brutcher Tr No 3355

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Attack of Iron-Saturated Molten Zinc on Iron as Affected by an Antimony Content, by D. Horstmann,

GERMAN, per, Archiv Eisenhutten, Vol XXV, Nos 5-6, 1954, pp 207-213.

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Intensified Attack of Molten Zinc on Iron at About 930°F, by D. Horstmann.

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Inhibitory Effect of Aluminium Additions to Hot-~~XX~~-Dip Galvanizing Baths on the Fromation of Iron-Zinc Alloy Layers, by D. ~~XXXXXXX~~ Horstmann, 5 pp.

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Electrolytic Sioletion of Intermetallic Iron Zinc Compounds and Determination of Solubility of Some Metals in These Compounds, by D. Horstmann.

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British Iron and
Steel Ind 1404
(16)

Sci - Min/Met
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The Attack of Iron-Saturated Zinc Melts Upon Chromium- and Nickel-Containing Iron, by D. Horstmann.

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BISI 1905

Sci - Chem

Dec 60

134/171

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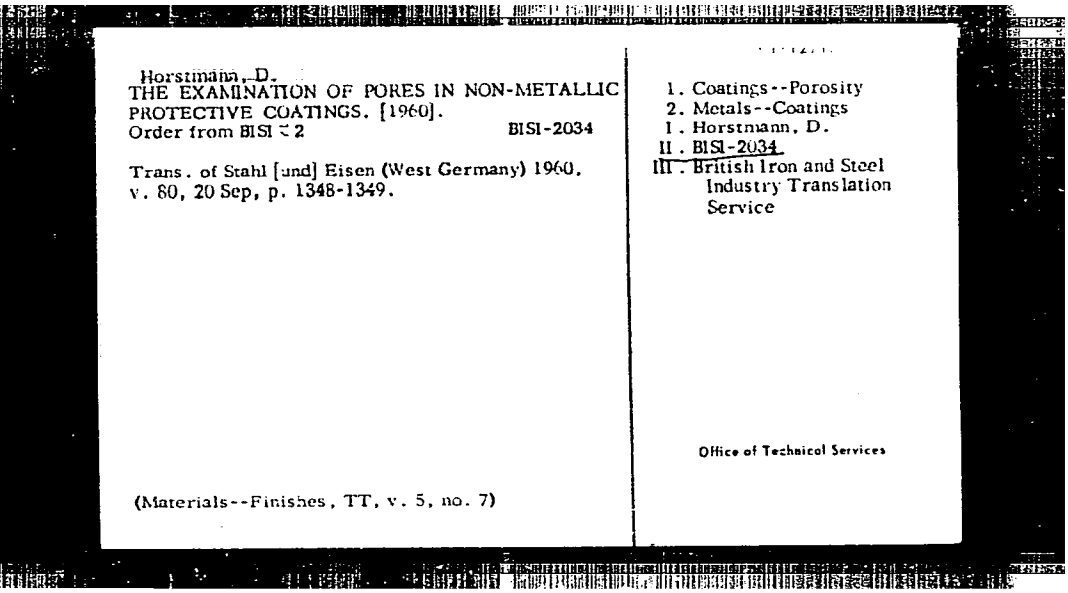

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THE EXAMINATION OF PORES IN NON-METALLIC PROTECTIVE COATINGS. [1960].
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Trans. of Stahl [und] Eisen (West Germany) 1960, v. 80, 20 Sep, p. 1348-1349.

(Materials--Finishes, TT, v. 5, no. 7)

1. Coatings--Porosity
2. Metals--Coatings
I. Horstmann, D.
II. BISI-2034
III. British Iron and Steel Industry Translation Service

Office of Technical Services

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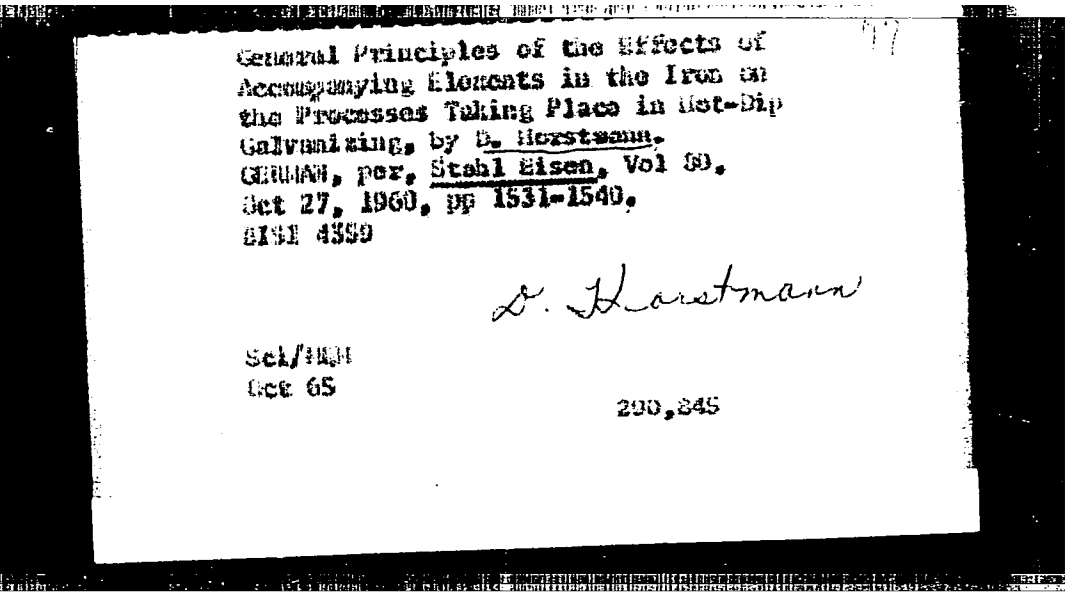

General Principles of the Effects of Accompanying Elements in the Iron on the Processes Taking Place in Hot-Dip Galvanizing, by B. Hoxstaum.
GERMAN, per, Stahl Eisen, Vol 80,
Oct 27, 1960, pp 1531-1540,
DISI 4559

D. Hoxstaum

Sel/HJH
Oct 65

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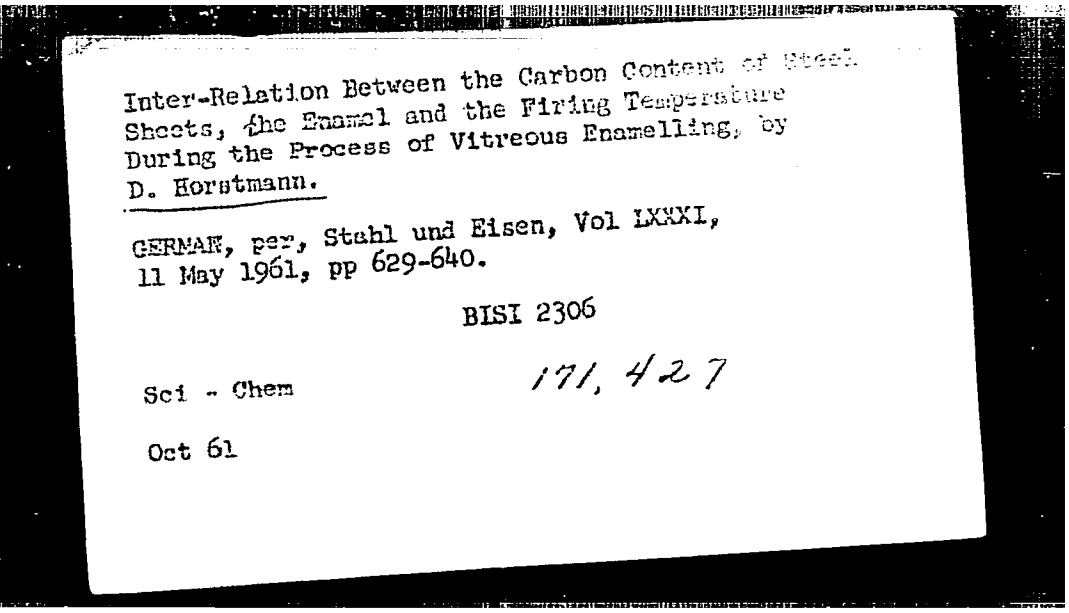

Inter-Relation Between the Carbon Content of Steel Sheets, the Enamel and the Firing Temperature During the Process of Vitreous Enamelling, by D. Horstmann.

GERMAN, per, Stahl und Eisen, Vol LXXXI, 11 May 1961, pp 629-640.

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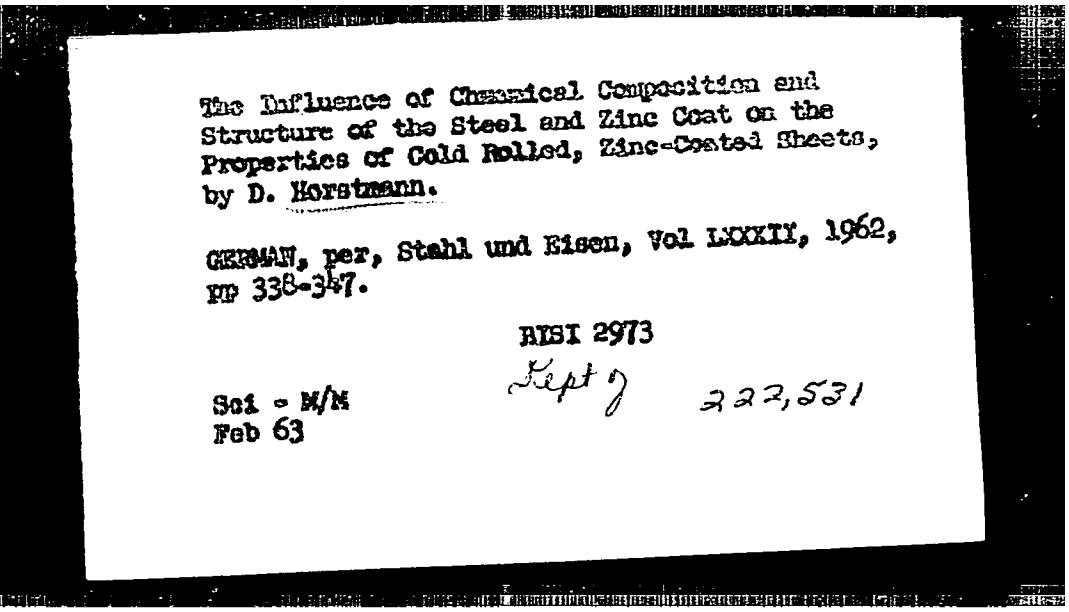

The Influence of Chemical Composition and Structure of the Steel and Zinc Coat on the Properties of Cold Rolled, Zinc-Coated Sheets, by D. Horstmann.

GERMAN, per, Stahl und Eisen, Vol LXXXII, 1962, pp 338-347.

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Kept 7 222,531

Sci - M/M
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The Influence of Hot Dip Galvanizing on the Fatigue Characteristics of Cold-Rolled Sheet, Part I, by M. Hempel, D. Horstmann.

GERMAN, por, Stahl und Eisen, Vol LXXXII, No 25, 1962, pp 1769-~~MX~~1775.

HB 5801

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The Influence of Chemical Composition and Structure of Steel and Zinc Covering on the Properties of EK Cold Rolled, Galvanized Fine Sheet Metals, by D. Horstman,

GERMAN, per, Stahl und Eisen, Vol LXXXVI, No 6, 1962, pp 338-347.

Dept of Interior
TN7 E57 No 549
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Sci - Min/Met
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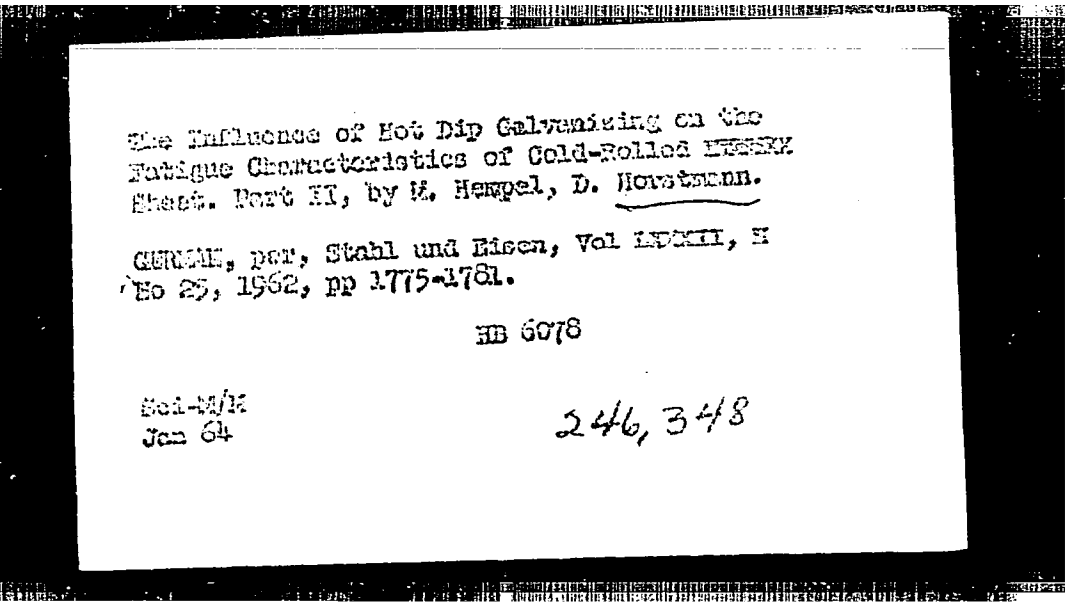

The Influence of Hot Dip Galvanizing on the Fatigue Characteristics of Cold-Rolled [illegible] Sheet. Part II, by H. Hempel, D. Hovestmann.

GERMAN, per, Stahl und Eisen, Vol LXXXII, No 25, 1962, pp 1775-1781.

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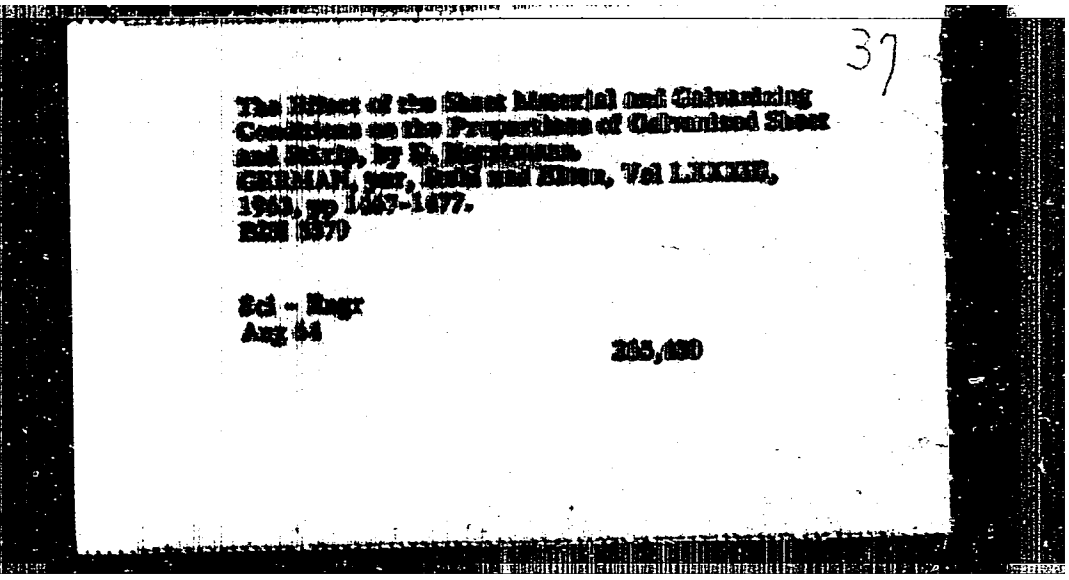

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The Effect of the Sheet Material and Galvanizing Conditions on the Properties of Galvanized Sheet and Strip, by S. Nyssenson.
GERMAN, Iser, Eisen und Stahl, Vol LXXXIII, 1963, pp 1667-1677.
EEAI 5579

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Effect of Conditions of Hot-Dip Galvanizing on the Thickness, Structure and Properties of Zinc Coatings, by F. Stricker, D. Horstmann.
GERMAN, per, Stahl und Eisen, Vol LXXXIII, No 25, 1963, pp 1640-1646.
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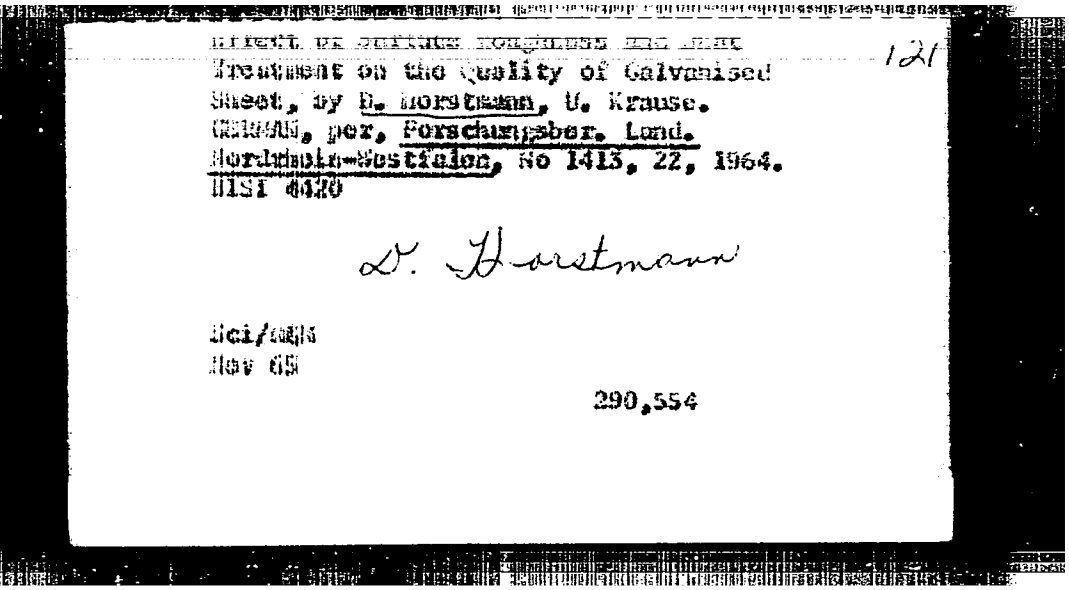

Effect of surface roughness and heat treatment on the quality of Galvanised Sheet, by D. Horstmann, U. Krause. (Stahl, per. Forschungsber. Land. Nordrhein-Westfalen, No 1413, 22, 1964. BISI 6420

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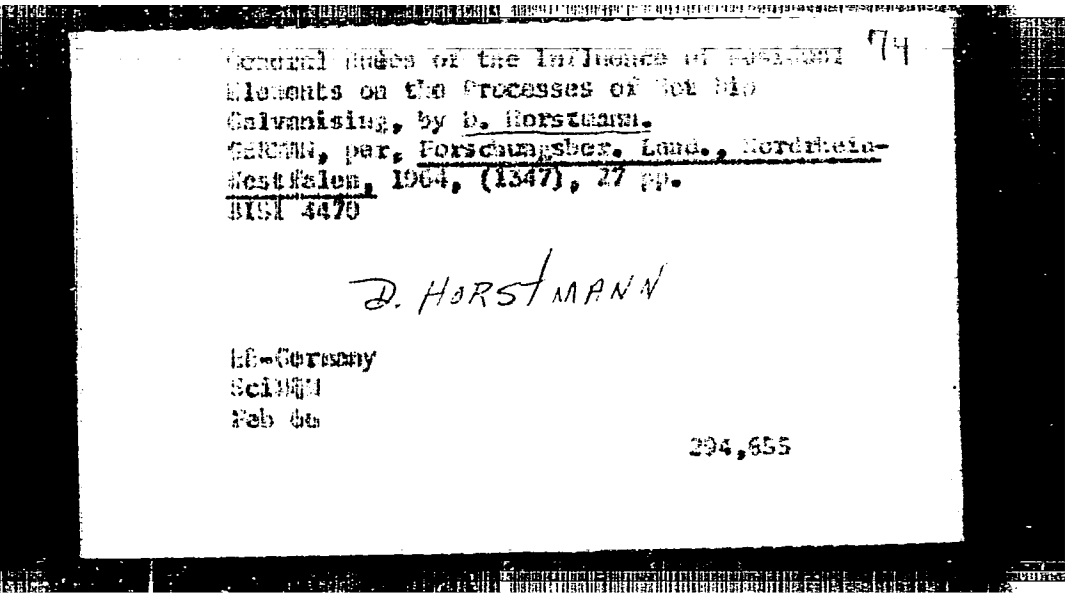

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General Notes on the Influence of Various Elements on the Processes of Hot Dip Galvanising, by D. Horstmann.
Galvan, par, Forschungsber. Land., Nordrhein-Westfalen, 1964, (1347), 27 pp.
BISI 4470

D. HORSTMANN

EE-Germany
Sci&Tl
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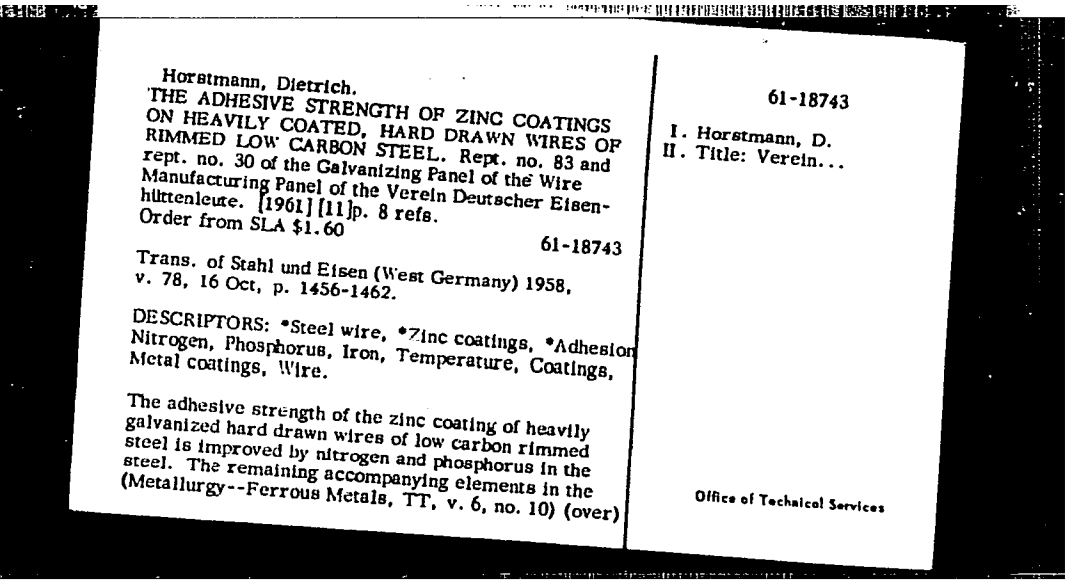

Horstmann, Dietrich.
THE ADHESIVE STRENGTH OF ZINC COATINGS ON HEAVILY COATED, HARD DRAWN WIRES OF RIMMED LOW CARBON STEEL. Rept. no. 83 and rept. no. 30 of the Galvanizing Panel of the Wire Manufacturing Panel of the Verein Deutscher Eisenhüttenleute. [1961] [11]p. 8 refs.
Order from SLA $1.60
61-18743

Trans. of Stahl und Eisen (West Germany) 1958, v. 78, 16 Oct, p. 1456-1462.

DESCRIPTORS: *Steel wire, *Zinc coatings, *Adhesion Nitrogen, Phosphorus, Iron, Temperature, Coatings, Metal coatings, Wire.

The adhesive strength of the zinc coating of heavily galvanized hard drawn wires of low carbon rimmed steel is improved by nitrogen and phosphorus in the steel. The remaining accompanying elements in the (Metallurgy--Ferrous Metals, TT, v. 6, no. 10) (over)

61-18743

I. Horstmann, D.
II. Title: Verein...

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Horstmann, Dietrich.
THE ATTACK OF IRON SATURATED ZINC MELTS ON ALUMINUM CONTAINING IRON. [1963] [10]p. 7 refs.
Order from SLA $1.10 63-16845

Trans. of Archiv fur das Eisenhüttenwesen (West Germany) 1956, v. 27, no. 3, p. 161-163 (Max Planck Institut [für Eisenforschung] (West Germany). [Communication]-657); [Verein Deutscher Eisenhüttenleute (West Germany). Berichte-20].

DESCRIPTORS: *Aluminum, *Iron, *Zinc, Melting, *Fused materials, Chemical analysis.

The attack of iron saturated zinc melts is strengthened by means of very slight aluminum content in the iron up to perhaps 1%. At higher aluminum contents of perhaps 5% the attack is lower than on aluminum free soft iron. (Metallurgy, TT, v. 10, no. 6)

63-16845

I. Horstmann, D.
II. Max ... Communication-657
III. Verein ... Berichte-20

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The Structure of the Skin as Determined Under the Electron Microscope, by E. Horstmann, 8 pp.

GERMAN, per, Archiv fuer Klimische und Experimentelle Dermatologie, Vol CCII, 1960, pp 18-35.

NIH 12-23-62

Sci - Med
Feb 63

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